

Questions with Answer Keys

MathonGo

Q1: 24 Feb (Shift 1) - Single Correct

The gas released during anaerobic degradation of vegetation may lead to:

- (1) Global warming and cancer
- (2) Acid rain
- (3) Corrosion of metals
- (4) Ozone hole

Q2: 24 Feb (Shift 2) - Single Correct

Given below are two statements :

Statement I : The value of the parameter "Biochemical Oxygen Demand (BOD)" is important for survival of aquatic life.

Statement II : The optimum value of BOD is 6.5 ppm.

In the light of the above statements, choose the most appropriate answer from the options given below.

- (1) Both Statement I and Statement II are false
- (2) Statement I is false but Statement II is true
- (3) Statement I is true but Statement II is false
- (4) Both Statement I and Statement II are true

Q3: 25 Feb (Shift 1) - Single Correct

Given below are two statements:

Statement-I : An allotrope of oxygen is an important intermediate in the formation of reducing smog.

Statement-II : Gases such as oxides of nitrogen and sulphur present in troposphere contribute to the formation of photochemical smog. In the light of the above statements, choose the correct answer from the options given below:

- (1) Statement I and Statement II are true
- (2) Statement I is true about Statement II is false
- (3) Both Statement I and Statement II are false

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(4) Statement I is false but Statement II is true

Q4: 25 Feb (Shift 2) - Single Correct

Given below are two statements :

Statement I : The pH of rain water is normally ~ 5.6 .

Statement II : If the pH of rain water drops below 5.6, it is called acid rain.

In the light of the above statements, choose the correct answer from the option given below.

(1) Statement I is false but Statement II is true

(2) Both statement I and statement II are true

(3) Both statement I and statement II are false

(4) Statement I is true but statement II is false

Q5: 26 Feb (Shift 1) - Single Correct

The presence of ozone in troposphere :

(1) generates photochemical smog

(2) Protects us from the UV radiation

(3) Protects us from the X-ray radiation

(4) Protects us from greenhouse effect

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Answer Key

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Q1 (1)

Q2 (3)

Q3 (3)

Q4 (2)

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Q5 (2)

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